

CSRP2 Human

Description: CSRP2 Human Recombinant produced in E. coli is a single polypeptide chain containing 217 amino acids (1-193) and having a molecular mass of 23.5kDa. CSRP2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: PRPS-1103

Synonyms: Cysteine and glycine-rich protein 2, Smooth muscle cell LIM protein, LIM domain only 5 smooth muscle, SmLIM, LMO5, CRP2.

For research use only.

Source: E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MGSHMPVWGG GNKCGACGRT
VYHAEVQCD GRSFHRCCFL CMVCRKNLDS TTVAIHDEEI YCKSCYGKKY GPKGYGYGQG
AGTLNMDRGE RLGKIPESVQ PHRPPTNPNT SKFAQKYGGA EKCSRCDGDSV YAAEKIIGAG
KPWHKNCFRK AKCGKSLEST TLTEKEGEIY CKGCYAKNFG PKGFGYGGQA GALVHAQ

Purity: Greater than 90% as determined by SDS-PAGE.

Formulation:

The CSRP2 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl, 2mM DTT and 10% glycerol.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

CSRP2 belongs to the CSRP family. CSRP2 holds 2 LIM zinc-binding domains that take part in regulatory processes essential for development and cellular differentiation. Additionally, CSRP2 is involved in the development of the embryonic vascular system.

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